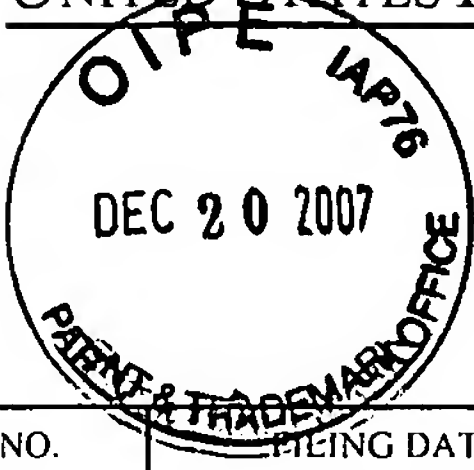




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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,003	09/29/2003	Takehiro Nakamura	15689.49.7	2384
7590 12/13/2007 Brown Raysman Millstein Felder & Steiner LLP 120 West 45th Street New York, NY 10036			EXAMINER AJIBADE AKONAI, OLUMIDE	
			ART UNIT 2617	PAPER NUMBER
			MAIL DATE 12/13/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.		Applicant(s)	
	10/674,003		NAKAMURA ET AL.	
	Examiner		Art Unit	
	Olumide T. Ajibade-Akonai		2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 10-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 10-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>See Continuation Sheet</u> . | 6) <input type="checkbox"/> Other: _____ |

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :5/11/06, 8/31/2005, 8/01/2005, 6/10/2005, 12/21/2004, 9/29/2003.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 10 are rejected under 35 U.S.C. 102(e) as being anticipated by **Michel et al 5,828,947 (hereinafter Michel)**.

Regarding **claims 10, 11, 19, and 20**, Michel discloses a communication system and method comprising a first communication apparatus (station SE, see fig. 2, col. 5, lines 35-37) and a second communication apparatus (station SR, see fig. 2, col. 5, lines 36-38), wherein the first communication apparatus comprises: reception means (RCX 14, see fig. 2, col. 7, lines 7-11) for receiving transmission power control information (Q1, Q2, QT, see fig. 2, col. 7, lines 7-11) from the second communication apparatus (see col. 7, lines 7-11); first control means (power control units 10 or 11, see fig. 2, col. 7, lines 12-14) for carrying out transmission power control in accordance with a control pattern before the first communication apparatus becomes able to receive the transmission power control information (cyclic regulation of power transmitted produced by transmitter 15 in response to signal quality levels received from station SR at periodic intervals, indicating power control prior to receiving another signal quality

measurement, see abstract, col. 6, lines 60-67, col. 7, lines 1-32); and second control means (power control unit 12, see fig. 1, col. 5, lines 40-41) for carrying out transmission power control in accordance with the transmission power control information after the first communication apparatus becomes able to receive the transmission power control information (regulation of power transmitted produced by transmitter 15 in response to signal quality levels QT received from station SR at periodic intervals see abstract, col. 6, lines 60-67, col. 7, lines 1-32), and the second communication apparatus comprises: transmission means (TRX 22, see fig. 1, col. 5, lines 42-44) for transmitting the transmission power control information to the first communication apparatus (see col. 7, lines 7-11).

Regarding **claim 12**, as applied to claim 11, Michel further discloses wherein the control pattern is a pattern for increasing transmission power step by step (regulation of power transmitted produced by transmitter 15 in response to signal quality levels QT received from station SR at periodic intervals see abstract, col. 6, lines 60-67, col. 7, lines 1-32).

Regarding **claim 13**, as applied to claim 12, Michel further discloses wherein the control pattern is a pattern for increasing the transmission power to a predetermined value, and subsequently, less rapidly increasing the transmission power (regulation of power transmitted produced by transmitter 15 in response to signal quality levels QT received from station SR at periodic intervals see abstract, col. 6, lines 60-67, col. 7, lines 1-32, col. 9, lines 21-53).

Regarding **claim 14, 16, 21, and 23**, Michel discloses a communication system and method comprising a first communication apparatus (station SE, see fig. 2, col. 5, lines 35-37) and a second communication apparatus (station SR, see fig. 2, col. 5, lines 36-38), wherein the first communication apparatus comprises: first transmission means (TRX 15, see fig. 2, col. 5, lines 39-41) for transmitting power control information to the second communication apparatus (COM1, COM2, COMT, see col. 7, lines 13-20); and second transmission means (TRX 15, see fig. 2, col. 5, lines 39-41) for transmitting information regarding an initial value of transmission power to the second communication apparatus (COM1, COM2, COMT, see col. 7, lines 13-20); and second the second communication apparatus comprises: first reception means for receiving the transmission power control information from the first communication apparatus (RCX 20, see fig. 2, col. 5, lines 42-43); control means (power control unit 12, see fig. 1, col. 5, lines 40-41) for carrying out transmission power control in accordance with the transmission power control information after the second communication apparatus becomes able to receive the transmission power control information (cyclic regulation of power transmitted produced by transmitter 15 in response to signal quality levels received from station SR at periodic intervals, indicating power control prior to receiving another signal quality measurement, see abstract, col. 6, lines 60-67, col. 7, lines 1-32); and second reception means for receiving the information regarding the initial value of the transmission power (Q1, Q2, QT, see fig. 2, col. 7, lines 7-11) from the first communication apparatus (see col. 7, lines 7-11), and the control means sets an initial value of transmission power in accordance with the information regarding the initial

value of the transmission power and carries out the transmission power control (regulation of power transmitted produced by transmitter 15 in response to signal quality levels QT received from station SR at periodic intervals see abstract, col. 6, lines 60-67, col. 7, lines 1-32).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to

consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

4. Claims 15, 17, 18, 22, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Michel et al 5,828,947 (hereinafter Michel)** in view of **Jensen et al 5,671,219 (hereinafter Jensen)**.

Regarding **claims 17 and 24**, Michel discloses a communication apparatus and method comprising a first transmission means (TRX 15, see fig. 2, col. 5, lines 39-41) for transmitting power control information to another communication apparatus (Q1, Q2, QT, see fig. 2, col. 7, lines 7-11); and second transmission means (TRX 15, see fig. 2, col. 5, lines 39-41) for transmitting information regarding an initial value of transmission power to the second communication apparatus information (cyclic regulation of power transmitted produced by transmitter 15 in response to signal quality levels received from station SR at periodic intervals, indicating power control prior to receiving another signal quality measurement, see abstract, col. 6, lines 60-67, col. 7, lines 1-32). Michel fails to disclose wherein the first transmission means transmits a predetermined pattern as the transmission power control information before said communication apparatus becomes able to synchronize with a signal from said another communication apparatus. In an analogous art, Jensen discloses wherein the first transmission means transmits a predetermined pattern as the transmission power control information before said communication apparatus becomes able to synchronize with a signal from said another communication apparatus (transmission of power control pulse to adjust power output at user station and synchronize a user mobile station with a base station broadly reading

on the recited limitation, see col. 10, lines 59-67, col. 20, lines 26-32). It would therefore have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine the teaching of Jensen into the system of Michel for the benefit of synchronizing the base station with the user station.

Regarding **claims 15 and 22**, as applied to claims 14 and 21, Michel discloses the claimed limitation except wherein the first transmission means transmits a predetermined pattern as the transmission power control information before said communication apparatus becomes able to synchronize with a signal from said another communication apparatus. In an analogous art, Jensen discloses wherein the first transmission means transmits a predetermined pattern as the transmission power control information before said communication apparatus becomes able to synchronize with a signal from said another communication apparatus (transmission of power control pulse to adjust power output at user station and synchronize a user mobile station with a base station broadly reading on the recited limitation, see col. 10, lines 59-67, col. 20, lines 26-32). It would therefore have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine the teaching of Jensen into the system of Michel for the benefit of synchronizing the base station with the user station.

Regarding **claim 18**, as applied to claim 17, Michel further discloses a means for varying the predetermined pattern (col. 6, lines 60-67, col. 7, lines 1-32, col. 9, lines 21-53).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Rom 5,450,616 discloses a method and apparatus for power control in a wireless LAN.

Halpern 4,613,990 discloses radiotelephone transmission power control.

Giger 4,495,648 discloses transmitter power control circuit.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olumide T. Ajibade-Akonai whose telephone number is 571-272-6496. The examiner can normally be reached on M-F, 8.30p-5p.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rafael Perez-Gutierrez can be reached on 571-272-7915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

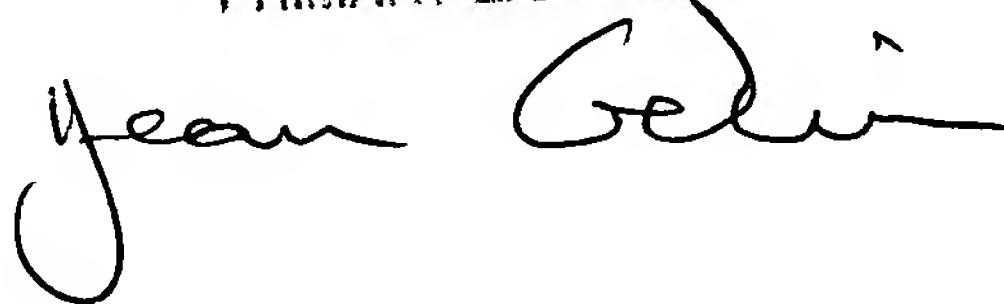
Application/Control Number:
10/674,003
Art Unit: 2617

Page 9

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JEAN GELIN
PRIMARY EXAMINER

OA
OA

A handwritten signature in cursive script, appearing to read "Jean Gelin", written in black ink.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket number (Optional) 15689.49.7	Application Number 10/674,003
	Applicant(s) Takehiro Nakamura et al.	
	Filing Date September 29, 2003	Group Art Unit 2616

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE


U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
oA	1	0 682 418 A2	05/12/1995	EPO	H0487	005	X	
oA	2	CN1126930	7/17/1996	China	H04B7	005	X	

EXAMINER 	DATE CONSIDERED 
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket number (Optional) 15689.49.7	Application Number 10/674,003
	Applicant(s) Takehiro Nakamura et al.	
	Filing Date September 29, 2003	Group Art Unit 2616

*Examiner Initial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
OA	3	Chinese Office Action for Chinese Patent Application No.: 20031010330.1
EXAMINER		
	DATE CONSIDERED 12/06/2007	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



Docket Number (Optional) 15689.49.7	Application Number 10/674,003
Applicant(s) Takehiro Nakamura, et al.	
Filing Date 9/29/2003	Group Art Unit -

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
0A	1	09-008770	1/10/1997	Japan	H04J13	04	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

0A	2	China Notification of the First Office Action Application No.: 2003101013301

EXAMINER

A JQ

DATE CONSIDERED

12/06/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 15689.49.7		Application Number 10/674,003	
				Applicant(s) Takehiro Nakamura, et al.			
				Filing Date 9/29/2003		Group Art Unit -	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
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							YES	NO
OA	1	09-046311	2/14/1997	Japan	H04J3	00	✓	
OA	2	05-091079	4/9/1993	Japan	H04J3	12	✓	
OA	3	09-046275	2/14/1997	Japan	H04B3	04	✓	

OTHER DOCUMENTS			<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
OA	4	Official Notice of Rejection Patent Application No.: 10-543752	

EXAMINER <div style="text-align: center; font-size: 1.5em;">A Jo</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.2em;">12/06/2007</div>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<div style="display: flex; align-items: center; justify-content: center;"> <div> INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> </div> </div>				Docket Number (Optional) 15689.49.7		Application Number 10/674,003	
				Applicant(s) Takehiro Nakamura, et al.			
				Filing Date 9/29/2003		Group Art Unit 2631	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OA	1	5,497,395	3/5/1996	Jou	375	205	4/4/1994

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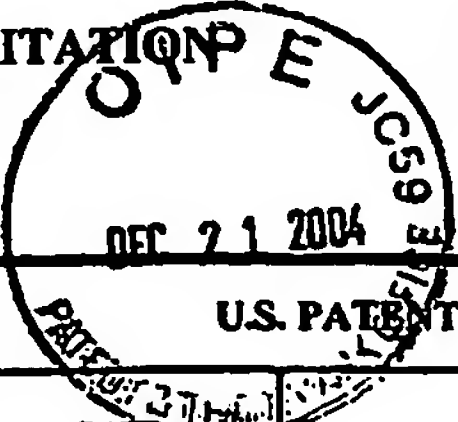
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							YES	NO
OA	2	EP 0748074 A2	12/11/1996	Europe	H04J13	02	✓	
OA	3	EP 0696113 A2	2/7/1996	Europe	H04B7	06	✓	

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
OA	4	Canadian Intellectual Property Office Application No.: 2,485,891	

EXAMINER <div style="font-size: 2em; font-family: cursive;">A JQ</div>	DATE CONSIDERED 12/06/2007
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 15689.49.7		Application Number 10/674,003	
				Applicant(s) Takehiro Nakamura, et al.			
				Filing Date 9/29/2003		Group Art Unit -	



U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	1	5,265,119	11/23/1993	Gilhousen et al.	375	1	5/17/1991

U.S. PATENT APPLICATION PUBLICATIONS							
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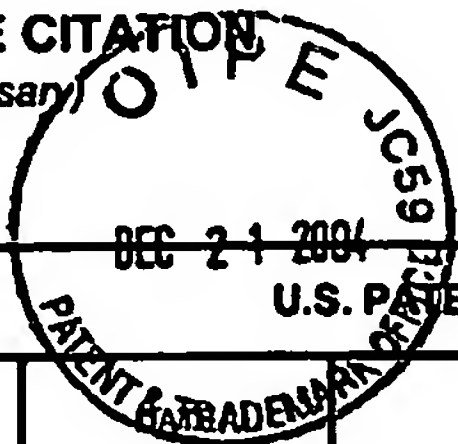
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DA	2	0 681 406 A1	11/8/1995	Europe	H04Q7	24	✓	
DA	3	0 534 612 A2	3/31/1993	Europe	H04Q7	04	✓	
DA	4	0 490 554 A2	6/17/1992	Europe	H04Q7	04	✓	
DA	5	WO 97/07600	2/27/1997	WIPO	H04B7	005	✓	
DA	6	WO 96/27269	9/6/1996	WIPO	H04Q7	30	✓	

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 15689.49.7		APPLICATION NO. 10/674.003	
				APPLICANT(S) Takehiro Nakamura et al.			
				FILING DATE September 29, 2003		GROUP ART UNIT -	



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U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OA	7	EP 0 758 168 A1	2/12/1997	Europe	H04J13	04	✓	
OA	8	WO 95/31879	11/23/1995	WIPO	H04Q7	22	✓	
OA	9	EP 0652650 B1	5/10/1995	Europe	H04B7	26	✓	

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
OA		10	Multirate Spread Spectrum Direct Sequence CDMA techniques XP 000570787 H. Azad, A.H.Aghvami 1994

EXAMINER <div style="font-size: 1.5em; font-family: cursive;">AJL</div>	DATE CONSIDERED <div style="font-size: 1.2em;">12/06/2007</div>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 15689.49.7		SERIAL NO. Unassigned	
				Takehiro Nakamura et al.			
				FILING September 29, 2003		GROUP Unassigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OA		5,416,797	5/16/95	Gilhousen et al.	375	705	
OA		5,495,498	2/27/96	Tominaga et al.	375	200	
OA		5,309,474	05/03/94	Gilhousen et al.	375	1	
OA		5,479,397	12/26/95	W.C.Y. Lee	370	18	
OA		5,596,333	01/21/97	E.J. Bruckert	342	457	
OA		5,442,625	08/15/95	R.D. Gitlin et al.	370	18	
OA		5,596,601	1/21/97	Bar-David			
OA		5,604,766	2/18/97	Dohi et al.			
OA		5,673,260	9/30/97	Umeda et al.	370	342	
OA		5,802,110	9/1/98	Watanabe et al.	375	259	
OA		4,934,844	6/26/90				

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OA		WO 95/12943	05/11/95	PCT				
OA		WO 97/50194	12/31/97	PCT				
OA		WO 97/02665	01/23/97	PCT				
OA		WO 95/35002	12/21/95	PCT				
OA		0 652 650 A2	10/31/94	EPO				

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
OA			Tomohiro DOHI, et al., IEICE Trans. Commun., Vol. E79-B, No. 9, September 1996, "Experiments on Coherent Multicode DS-CDMA".

EXAMINER <div style="text-align: center; font-size: 1.5em;">Ade</div>	DATE CONSIDERED 12/06/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 15689.49.7		SERIAL NO. Unassigned	
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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OA	JP	8-125604	5/17/96					
OA	JP	8-51662	2/20/96					
OA	JP	8-32513	2/2/96					
OA	JP	8-79133	3/22/96					
OA	JP	7-170223	7/4/95					

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

EXAMINER <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">A de</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">12/06/2007</div>
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OA	JP	6-152487	5/31/94	Japan				
OA	WIPO	WO95-35615	12/28/95	WIPO				
OA	WIPO	WO92-17011	10/1/92	WIPO				
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	Examiner Olumide T. Ajibade-Akonai	Art Unit 2617	Page 1 of 1

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*	A	US-5,828,947	10-1998	Michel et al.	455/13.4
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*	C	US-4,495,648	01-1985	Giger, Adolf J.	455/73
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	F	US-			
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